

# CERTIFICATE



The **European Certification Body GmbH** accredited  
according to ISO/IEC 17065 awards to

**LOXXER**

**Rumbeeksegravier 166D, 8800 Roeselare / BE**

**the right to carry the ECB•S certification mark for**

Storage cabinets for lithium-ion batteries of class I according to  
VDMA 24994:2024 and ECB•S C10 (02.2025)  
(Series LOXK 1100 - Type LOXK 1100)  
(see Annex)

**Certificate Number**

**2406/LIB26-01**

27 March 2026

valid from

26 March 2030

valid until

27 March 2026

Frankfurt am Main



Deutsche  
Akkreditierungsstelle  
D-ZE-11146-01-00

Dr. Markus Fleering

Certification Body

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[www.ecb-s.com](http://www.ecb-s.com)

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SURVEY – Technical documentation (Series LOXK 1100)

| TECHNICAL DOCUMENTATION                                     | FILE NAME OF DOCUMENT    | DATE                  | NUMBER OF PAGES |
|-------------------------------------------------------------|--------------------------|-----------------------|-----------------|
| <b>General Documents</b>                                    |                          |                       |                 |
| Technical Datasheet LOXK1100                                | LOXK1100 VDMA v1.0       | 13.10.2025            | 2               |
| User Manual LOXK1100                                        | ----                     | 08.01.2026            | 48              |
| Bill of Material LOXK1100                                   | BOM LOXK1100 VDMA v1.0   | Stamped on 27.03.2026 | 1               |
| <b>Technical Drawings</b>                                   |                          |                       |                 |
| LOXK1100 VDMA                                               | 250636                   | 23.10.2025            | 64              |
| LOXK1100 VDMA Mg Boards EN                                  | Loxxer Mg dosky          | 25.08.2025            | 8               |
| Sectional view with thickness and gap measurements LOXK1100 | ----                     | Stamped on 27.03.2026 | 5               |
| Loxk1100 for ECB-s certification pict1                      | ----                     | Stamped on 27.03.2026 | 1               |
| Loxk1100 for ECB-s certification pict2                      | ----                     | Stamped on 27.03.2026 | 1               |
| Loxk1100 for ECB-s certification pict3                      | ----                     | Stamped on 27.03.2026 | 1               |
| Loxk1100 for ECB-s certification pict4                      | ----                     | Stamped on 27.03.2026 | 1               |
| Loxk1100 for ECB-s certification pict5                      | ----                     | 12.11.2025            | 1               |
| <b>Magoxx Board</b>                                         |                          |                       |                 |
| Datasheet MAGOXX Board EN                                   | ----                     | Stamped on 27.03.2026 | 1               |
| Datasheet MAGOXX Board NL                                   | ----                     | Stamped on 27.03.2026 | 1               |
| Safety sheet MAGOXX Board                                   | ----                     | Stamped on 27.03.2026 | 6               |
| DUBOKEUR sustainability certificate MAGOXX Board            | 198.0001.307.4.2021c     | 12.04.2021            | 1               |
| DUBOKEUR environmental assessment MAGOXX Board              | 198.0001.307.4.2021m     | 12.04.2021            | 1               |
| KIWA European Technical Assessment MAGOXX Board             | ETA 15/0634 – version 04 | 23.07.2021            | 26              |
| <i>continued on page 2</i>                                  |                          |                       |                 |

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| TECHNICAL DOCUMENTATION                                               | FILE NAME OF DOCUMENT | DATE                  | NUMBER OF PAGES |
|-----------------------------------------------------------------------|-----------------------|-----------------------|-----------------|
| <b>Mechanical parts, raw materials</b>                                |                       |                       |                 |
| Datasheet B15 Protect                                                 | 4013456582040         | 20.05.2025            | 1               |
| Klassifizierungsbericht nach EN 13501-2:2016 B15 Protect              | 323091503-A           | 06.03.2024            | 49              |
| Datasheet Dorma TS71 EN                                               | ----                  | 10.2009               | 4               |
| Datasheet Dorma TS71 NL                                               | ----                  | 02.2022               | 4               |
| Jeremias Exhaust                                                      | ----                  | Stamped on 27.03.2026 | 1               |
| Material Properties NSG Stainless steel wool                          | 1.4113                | Stamped on 27.03.2026 | 4               |
| Steel mesh info                                                       | ----                  | Stamped on 27.03.2026 | 1               |
| Datasheet controller enclosure                                        | C7020041              | 02.05.2025            | 4               |
| Datasheet 3M VHB Tapes                                                | ----                  | 09.2022               | 9               |
| Datasheet PD mit Drahtkordel                                          | FD5115A               | 04.11.2024            | 2               |
| Datasheet P-section gasket                                            | ----                  | Stamped on 27.03.2026 | 3               |
| Datasheet IS glass fibre sleeving                                     | ----                  | Stamped on 27.03.2026 | 1               |
| Datasheet Industrilås external hinge 131x108 mm 180°                  | Index Code: 3-465     | 05.20.2025            | 1               |
| Datasheet Industrilås vector cables                                   | Index Code: 2-745     | 05.20.2025            | 2               |
| Datasheet Industrilås vector P actuator                               | Index Code: 2-835     | 05.20.2025            | 3               |
| Datasheet Industrilås vector riveted striker                          | Index Code: 2-749-04  | 05.20.2025            | 1               |
| Datasheet Industrilås vector rotary latch - inline perpendicular pull | Index Code: 2-750-03  | 05.20.2025            | 3               |
| Onderhoudssticker                                                     | ----                  | Stamped on 27.03.2026 | 1               |
| Safety sticker VDMA LOXK1100 max capacity                             | ----                  | Stamped on 27.03.2026 | 1               |
| Safety sticker                                                        | ----                  | Stamped on 27.03.2026 | 1               |
| Sticker serienummers                                                  | ----                  | Stamped on 27.03.2026 | 9               |

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| TECHNICAL DOCUMENTATION                          | FILE NAME OF DOCUMENT    | DATE                     | NUMBER OF PAGES |
|--------------------------------------------------|--------------------------|--------------------------|-----------------|
| <b>Electronic parts</b>                          |                          |                          |                 |
| Datasheet fan                                    | CFM-80V                  | 09.12.2024               | 16              |
| Certificate of Compliance                        | HUT211229829E            | 05.01.2022               | 1               |
| Certificate of Compliance                        | HUT211229829S            | 05.01.2022               | 1               |
| EU Declaration of Conformity                     | EBP08PDU                 | 28.07.2022               | 8               |
| Attestation of Compliance                        | LCS201119367AS           | 02.12.2020               | 1               |
| Test Report EN IEC 62368-1                       | UNIA20380739SR-01        | 25.08.2023               | 83              |
| Test Report                                      | LCS201103010DR100        | 19.11.2020               | 7               |
| Certificate of constancy of performance          | 1922 - CPR - 1517        | 22.02.2021               | 2               |
| Datasheet universal commercial fire communicator | MQ03-LTE-M-EN54          | Stamped on<br>27.03.2026 | 2               |
| Certificate of constancy of performance          | 1922 - CPR - 1804        | 22.06.2022               | 2               |
| Instruction manual                               | ----                     | Stamped on<br>27.03.2026 | 2               |
| AZ-7 Certificate of low voltage directive        | M.2021.206.C65208        | 03.06.2021               | 1               |
| Datasheet limit switches                         | AZ-7                     | 10/2010                  | 4               |
| Specs limit switch                               | AZ7141                   | Stamped on<br>27.03.2026 | 2               |
| Datasheet Eurosafe RF 90 Min - RF 120 Min        | ----                     | Stamped on<br>27.03.2026 | 1               |
| Datasheet Ölflex Classic 110 H                   | 10019900                 | 15.01.2024               | 2               |
| Instruction manual D9000 series                  | ----                     | Stamped on<br>27.03.2026 | 2               |
| Certificate of constancy of performance          | 12 - CPR - 1806          | 22.06.2022               | 2               |
| Certificate of constancy of performance          | 12 - CPR - 1810          | 22.06.2022               | 2               |
| Datasheet AF-X Fireblocker n-XS1                 | Article: 10-15-110-03-02 | Stamped on<br>27.03.2026 | 1               |
| BOM Loxxer Control Unit                          | Rev 0                    | 03.04.2025               | 1               |
| <i>continued on page 4</i>                       |                          |                          |                 |

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|-------------------------|-----------------------|--------------------------|-----------------|
| <b>Pictures</b>         |                       |                          |                 |
| Frontside view LOXK1100 | ----                  | Stamped on<br>27.03.2026 | 1               |
| Inside view LOXK1100    | ----                  | Stamped on<br>27.03.2026 | 1               |
| Outside view LOXK1100   | ----                  | Stamped on<br>27.03.2026 | 1               |

**NOTE:** Only the models corresponding to the listed sizes and which are according to the approved technical documentation of this certificate may be marked with the ECB•S lithium-ion batteries certification mark.

The maximum energy (Wh) of the batteries to be stored on each shelf of the series LOXK 1100 is limited to 3000Wh.

The maximum energy (Wh) of the batteries to be stored in the entire cabinet of the series LOXK 1100 is limited to 9000Wh.

The certification expires if the maximum energy is exceeded.

Clause 9g of the VDMA 24994 specification shall be observed.

The marking as ECB•S certified product, in compliance with this certificate, is only allowed with an original ECB•S certification mark as proof of conformity.